

SCANNING BEAM DISPLAY WITH FOCAL LENGTH ADJUSTMENT**ABSTRACT OF THE DISCLOSURE**

5 In a scanning display apparatus an image signal source produces an
image signal. A light emitter is coupled to the image signal source and responsive
to the image signal to emit light. A lensing system receives light from the light
emitter and passes exiting light. A scanner scans the image light. A light sensor
detects intensity of background light. A controller adjusts intensity of the image
10 light in response to the detected background light intensity.